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Serial No. 10/815,262

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John F. Engelhardt et al.

Examiner: Unknown

Serial No.: 10/815,262

Group Art Unit: 1636

Filed: March 31, 2004

Docket: 875.074US1

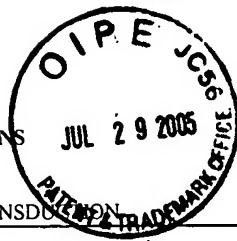
Title: COMPOUNDS AND METHODS TO ENHANCE RAAV TRANSDUCTION

COMMUNICATION CONCERNING RELATED APPLICATIONS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
09/276,625 6,436,392	March 25, 1999	875.007US1	ADENO-ASSOCIATED VIRUS VECTORS
09/684,554	October 6, 2000	875.024US1	ADENO-ASSOCIATED VIRUS VECTORS AND USES THEREOF
09/689,136	October 12, 2000	875.032US1	COMPOUNDS AND METHODS TO ENHANCE rAAV TRANSDUCTION
10/054,665	January 22, 2002	875.007US2	ADENO-ASSOCIATED VIRUS VECTORS
10/194,421	July 12, 2002	875.053US1	PSEUDOTYPED ADENO- ASSOCIATED VIRUSES AND USES THEREOF
11/058,751	February 15, 2005	875.007US3	ADENO-ASSOCIATED VIRUS VECTORS



10/815557 March 31, 875.085US1
2004

COMPOUNDS AND METHODS FOR
PHARMICO-GENE THERAPY OF
EPITHELIAL SODIUM CHANNEL
ASSOCIATED DISORDERS

Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicant requests that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

Respectfully submitted,

JOHN F. ENGELHARDT ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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Date

JULY 25, 2005

By

Janet E. Emoretson
Reg. No. 39,665

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Name

JAMES KANYSIK

Signature

James Kanysik



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John F. Engelhardt et al.

COMPOUNDS AND METHODS TO ENHANCE rAAV TRANSDUCTION

Docket No.: 875.074US1

Serial No.: 10/815,262

Filed: March 31, 2004

Due Date: N/A

Examiner: Unknown

Group Art Unit: 1636

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

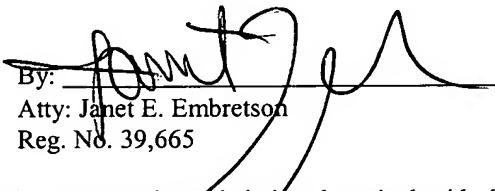
We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ A Communication Concerning Related Applications (2 pgs.).
- ☒ An Information Disclosure Statement (2 pgs.), Form 1449 (12 pgs.), and copies of 165 cited documents, including the International Search Report for the corresponding PCT Application No. PCT/US2004/010045 (6 pgs.)

If not provided for in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

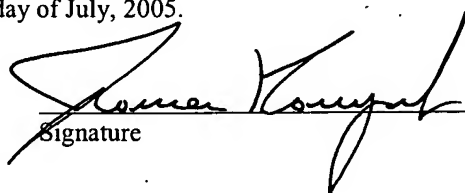
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

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By: 
Atty: Janet E. Embretson
Reg. No. 39,665

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JAMES KAWYUSIK
Name


Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

S/N 10/815,262



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	John F. Engelhardt et al.	Examiner:	Unknown
Serial No.:	10/815,262	Group Art Unit:	1636
Filed:	March 31, 2004	Docket:	875.074US1
Title:	COMPOUNDS AND METHODS TO ENHANCE rAAV TRANSDUCTION		

INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Several of the attached documents were discovered as a result of a Search Report in Applicants' corresponding foreign patent application. Enclosed for the Examiner's information is a copy of the cited documents and the Search Report.

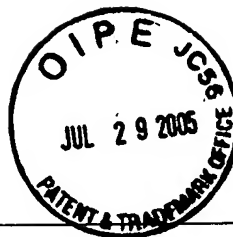
Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

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Title: COMPOUNDS AND METHODS TO ENHANCE rAAV TRANSDUCTION



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Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

JOHN F. ENGELHARDT ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
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Date July 25, 2005

By [Signature]
Janet E. Embretson
Reg. No. 39,665

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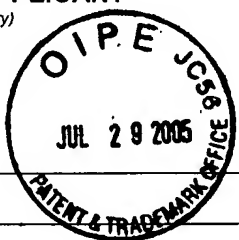
JAMES KAUYUSIK
Name

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Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/815,262
Filing Date	March 31, 2004
First Named Inventor	Engelhardt, John
Group Art Unit	1636
Examiner Name	Unknown

Sheet 1 of 12

Attorney Docket No: 875.074US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2002/0197237 A1	12/26/2002	Engelhardt, J., et al.	01/22/2002
	US-2002/0076754 A1	06/20/2002	Sun, L., et al.	04/20/2001
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	US-6,436,392	08/20/2002	Engelhardt, J. F., et al.	03/25/1999
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	WO-2004/090145A2	10/21/2004	Engelhardt, J. F., et al.	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

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First Named Inventor	Engelhardt, John
Group Art Unit	1636
Examiner Name	Unknown

Sheet 2 of 12

Attorney Docket No: 875.074US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"(S)-(+)-Camptothecin; 4-Ethyl-4-hydroxy-1H-pyrano[3', 4':6,7] indolizino [1,2-b] quinoline-3, 14 (4H, 12H) dione", <u>Calbiochem®</u> , Camptothecin, Camptotheca acuminata, (October 2, 2000), 2 pgs.	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/815,262
	Filing Date	March 31, 2004
	First Named Inventor	Engelhardt, John
	Group Art Unit	1636
	Examiner Name	Unknown
Sheet 3 of 12	Attorney Docket No: 875.074US1	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ADAMS, J., et al., "Chapter 28. Novel Inhibitors of the Proteasome and Their Therapeutic Use in Inflammation", <u>Annual Reports in Medicinal Chemistry</u> , Academic Press, Inc., (1996), 279-288	
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Sheet 4 of 12

Attorney Docket No: 875.074US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BONACORSI, S., et al., "Comparative In Vitro Activities of Meropenem, Imipenem, Temocillin, Piperacillin, and Ceftazidime in Combination with Tobramycin, Rifampin, or Ciprofloxacin against <i>Burkholderia cepacia</i> Isolates From Patients With Cystic Fibrosis", <u>Antimicrobial Agents and Chemotherapy</u> , 43(2), (1999), 213-217	
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EXAMINER

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Sheet 5 of 12

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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		DUAN, D., "Formation of Adeno-Associated Virus Circular Genomes is Differentially Regulated by Adenovirus E4 ORF6 and E2a Gene Expression", <u>Journal of Virology</u> , 73 (1), (Jan. 1999), 161-169	
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DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/815,262
Filing Date	March 31, 2004
First Named Inventor	Engelhardt, John
Group Art Unit	1636
Examiner Name	Unknown

Sheet 12 of 12

Attorney Docket No: 875.074US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		YAN, Z., et al., "A Common Theme for Ubiquitination-Dependent Transduction of rAAV Type 2 and 5", <u>American Society of Gene Therapy, Abstracts of Scientific Presentations (Abstract No. 569), (June 5, 2002), 1 Pg.</u>	
		YAN, Z., et al., "Distinct Classes of Proteasome-Modulating Agents Cooperatively Augment Recombinant Adeno-Associated Virus Type 2 and Type 5-Mediated Transduction From the Apical Surfaces of Human Airway Epithelia", <u>Journal of Virology, 78(6), (Mar., 2004), 2863-2874</u>	
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